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L4: Entry 1 of 2

File: USPT

Aug 1, 2006

US-PAT-NO: 7083087

DOCUMENT-IDENTIFIER: US 7083087 B1

TITLE: Method and apparatus for associating identification and personal data for multiple magnetic stripe cards or other sources

DATE-ISSUED: August 1, 2006

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gangi; Frank J.	Frisco	TX		US

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
E-Micro Corporation	Frisco	TX		US	02

APPL-NO: 11/130765 [\[PALM\]](#)

DATE FILED: May 17, 2005

## RELATED-US-APPL-DATA:

continuation parent-doc US 10052405 00 20020117 US 6938821 A child-doc US 11130765  
continuation-in-part parent-doc US 09664205 00 20000918 US 6402029 A child-doc US 10052405

## INT-CL-ISSUED:

TYPE	IPC	DATE	IPC-OLD
IPCP	G06K5/00	20060101	G06K005/00

## INT-CL-CURRENT:

TYPE	IPC	DATE
CIPP	<u>G06</u> <u>K</u> <u>5/00</u>	20060101

US-CL-ISSUED: 235/380; 235/379

US-CL-CURRENT: 235/380; 235/379

FIELD-OF-CLASSIFICATION-SEARCH: 235/380, 705/70-75

See application file for complete search history.

## PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

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<input type="checkbox"/> <u>4705211</u>	November 1987	Honda et al.	
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┌	<u>2005/0010505</u>	January 2005	Darrell
┌	<u>2005/0015280</u>	January 2005	Gabel et al.
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┌	<u>2005/0288964</u>	December 2005	Luten et al.
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┐ 2006/0036543	February 2006	Blagg et al.
┐ 2006/0059040	March 2006	Eldred et al.

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FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	CLASS
100 50 882	May 2002	DE	
0656600	June 1995	EP	
0656600	June 1995	EP	
61253580	November 1986	JP	
2004102784	April 2004	JP	
WO 98/10363	March 1998	WO	
WO 98/12675	March 1998	WO	
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ART-UNIT: 2876

PRIMARY-EXAMINER: Le; Thien M.

ASSISTANT-EXAMINER: Haupt; Kristy A.

ATTY-AGENT-FIRM: Bracewell & Giuliani LLP

ABSTRACT:

A method and apparatus for warehousing information in a wallet consolidator, including personal identification data for facilitating a transaction. The wallet consolidator includes a controller for controlling operation of the wallet consolidator, a magnetic stripe reader/writer for reading and writing magnetic stripes, a bar code scanner for scanning bar codes, a keypad for inputting user selections and commands, a memory for storing information provided to the wallet consolidator, a smart card interface for effectuating communication between the wallet consolidator and a smart card and a display screen for displaying text and graphics, the display screen further for displaying a bar code pattern capable of being scanned by a bar code reader. To store information in the wallet consolidator, or alternatively in a smart card interfaced to the wallet consolidator, information is read from magnetic stripes on various types of cards such as, but not limited to, credit, debit and identification cards. Additionally, images of the cards including, but not limited to, signatures and portraits are downloaded and stored. A user retrieves the information from any of the stored magnetic stripes and writes the information to a single magnetic stripe for use in a point of sale transaction. Similarly, stored images are retrieved and displayed on a display screen including a bar code which can be scanned by a bar code scanner.

23 Claims, 6 Drawing figures

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